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**From:** Peck, Charles [Peck.Charles@epa.gov]  
**Sent:** 1/14/2021 12:30:14 PM  
**To:** Shelby, Andrew [Shelby.Andrew@epa.gov]; Ruhman, Mohammed [Ruhman.Mohammed@epa.gov]; Koper, Christopher [Koper.Christopher@epa.gov]  
**CC:** Connolly, Jennifer [Connolly.Jennifer@epa.gov]; Muela, Stephen [muela.stephen@epa.gov]; Sinnathamby, Sumathy [sinnathamby.sumathy@epa.gov]; Orrick, Greg [Orrick.Greg@epa.gov]  
**Subject:** RE: Seeding Rates/depth (Maximum rate/Minimum seeding depth)  
**Attachments:** seed tmt.xlsx; 059639-00197-20140327.pdf; 059639-00151-20140502.pdf; 059639-00150-20161230.pdf

Hi Andrew,

It occurred to me that perhaps the labels for these seed treatments might provide information on the seeding rates and, sure enough, there was info available. Attached is a spreadsheet with seeding rates, in lb seed/A or seeds/A, that we should be able to use, along with the lb ai/lb seed or lb ai/seeds. The rates all seem to target an app rate of 0.2 lb ai/A. (I

## Deliberative Process / Ex. 5

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**From:** Shelby, Andrew <Shelby.Andrew@epa.gov>  
**Sent:** Wednesday, January 13, 2021 4:19 PM  
**To:** Ruhman, Mohammed <Ruhman.Mohammed@epa.gov>; Peck, Charles <Peck.Charles@epa.gov>; Koper, Christopher <Koper.Christopher@epa.gov>  
**Cc:** Connolly, Jennifer <Connolly.Jennifer@epa.gov>; Muela, Stephen <muela.stephen@epa.gov>; Sinnathamby, Sumathy <sinnathamby.sumathy@epa.gov>; Orrick, Greg <Orrick.Greg@epa.gov>  
**Subject:** RE: Seeding Rates/depth (Maximum rate/Minimum seeding depth)

Mohammed,

Thanks for this table. It helped me with getting more data for two uses (Teosinte and Leek). However, I still lack sufficient data for the uses listed below. I'll get to work researching, binning, and making assumptions on these. If anyone has any strategies to suggest, I'd be glad to hear them.

Amaranth, Chinese (Seed Treatment)  
Arracacia (Persian Carrot) (Seed Treatment)  
Arrowroot (Seed Treatment)  
Artichoke, Chinese (Seed Treatment)  
Artichoke, Globe (Seed Treatment)  
Artichoke, Jerusalem (Seed Treatment)  
Canna (Edible)  
Chayote (Root) (Seed Treatment)  
Chervil (Seed Treatment)  
Chrysanthemum, Garland (Seed Treatment)

Chufa (Ground Almond) (Seed Treatment)  
Corn, Salad (Seed Treatment)  
Cress, Garden (Seed Treatment)  
Cress, Upland (Seed Treatment)  
Dandelion (Seed Treatment)  
Dock (Sorrel) (Seed Treatment)  
Endive (Escarole) (Seed Treatment)  
Ginger (Seed Treatment)  
Guayule (Rubber)  
Leren (Seed Treatment)  
Manioc (Cassava) (Seed Treatment)  
Orach (Mountain Spinach) (Seed Treatment)  
Purslane, Garden (Seed Treatment)  
Purslane, Winter (Seed Treatment)  
Radicchio (Seed Treatment)  
Roquette (Arugula) (Seed Treatment)  
Spinach, New Zealand (Seed Treatment)  
Sweet Potato (Seed Treatment)  
Tanier (Seed Treatment)  
Taro (Seed Treatment)  
Turmeric (Seed Treatment)  
Yam (Seed Treatment)  
Yautia (Seed Treatment)

-Andrew

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**From:** Ruhman, Mohammed <[Ruhman.Mohammed@epa.gov](mailto:Ruhman.Mohammed@epa.gov)>

**Sent:** Wednesday, January 13, 2021 3:58 PM

**To:** Peck, Charles <[Peck.Charles@epa.gov](mailto:Peck.Charles@epa.gov)>; Koper, Christopher <[Koper.Christopher@epa.gov](mailto:Koper.Christopher@epa.gov)>; Shelby, Andrew <[Shelby.Andrew@epa.gov](mailto:Shelby.Andrew@epa.gov)>

**Cc:** Connolly, Jennifer <[Connolly.Jennifer@epa.gov](mailto:Connolly.Jennifer@epa.gov)>; Muela, Stephen <[muela.stephen@epa.gov](mailto:muela.stephen@epa.gov)>; Sinnathamby, Sumathy <[sinnathamby.sumathy@epa.gov](mailto:sinnathamby.sumathy@epa.gov)>; Orrick, Greg <[Orrick.Greg@epa.gov](mailto:Orrick.Greg@epa.gov)>

**Subject:** RE: Seeding Rates/depth (Maximum rate/Minimum seeding depth)

Good afternoon,

Here attached the promised table for the subject.

REGARDS  
Mohammed